

20001218.ba v03\_n062.bam.20001218

>From ???@??? Mon Dec 18 09:07:59 2000 -0600  
Date: Mon, 18 Dec 2000 09:05:34 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 3062  
Message-Id: <20001218161015.DE4615F20@devel43.theporch.com>

### BOATANCHORS Digest 3062

Topics covered in this issue include:

- 1) B&W Audio Phase Shift Network  
by Robert Lawson <w4rl@bellsouth.net>
- 2) Re: bringing up old electrolytics, and grounding question  
by Arden Allen <gumbear@pacbell.net>
- 3) Re: B&W Audio Phase Shift Network  
by Robert Lawson <w4rl@bellsouth.net>
- 4) Re: BOATANCHORS digest 3061  
by jay\_coward@agilent.com
- 5) Tr: Re 6C5  
by =?iso-8859-1?Q?Andr=E9\_Guibert?= <aguibert@sympatico.ca>
- 6) Re: B&W Audio Phase Shift Network  
by Ed Zeranski <ezeran@concentric.net>
- 7) RE: FS: R-4A/ARR2 with Dynamotor  
by "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>
- 8) RE: BC-189  
by "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>
- 9) Need Assistance  
by "knepper" <knepper@lenzlink.net>
- 10) Re: Need Assistance  
by Arden Allen <gumbear@pacbell.net>
- 11) RE: Needed: 3RP1A CRT  
by Merz Donald S <merz.ds@mellon.com>
- 12) Joe Carr, K4IPV, SK  
by Merz Donald S <merz.ds@mellon.com>
- 13) ADMINISTRIVIA: Changing Email Addresses  
by listown@nanniandjack.com (Mail List Owner)
- 14) Finishing touches  
by "Bob Nickels" <ranickel@mwci.net>
- 15) Callbook Help  
by "Joe Veras" <jveras@wwisp.com>
- 16) Re: Callbook Help  
by "Mike B. Feher" <n4fs@monmouth.com>
- 17) Re: Callbook Help  
by "Joe Veras" <jveras@wwisp.com>
- 18) Mystery Tube -- type A-21

- by "Grant Youngman" <nq5t@home.com>
- 19) Re: old-fashioned soldering iron  
by "Hue Miller" <kargokult@proaxis.com>
- 20) Re: "suppressed zero" meter  
by "Hue Miller" <kargokult@proaxis.com>
- 21) Inline Jack for PJ-068??  
by Tom Norris <badger@telalink.net>
- 22) RE: bringing up old electrolytics, and grounding question  
by "L. Mark Pilant" <n1vqw@arrl.net>
- 23) Re: old-fashioned soldering iron  
by "L. Mark Pilant" <n1vqw@arrl.net>
- 24) RE: bringing up old electrolytics, and grounding question  
by john <johnmb@mindspring.com>
- 25) Split phase motor capacitor  
by "Herbert M. Rosenthal" <herbrose@lobo.net>

-----  
Message-ID: <3A3BDF04.697C7529@bellsouth.net>  
Date: Sat, 16 Dec 2000 16:30:44 -0500  
From: Robert Lawson <w4rl@bellsouth.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: B&W Audio Phase Shift Network  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Fellow BA'ers,

I just came across a B&W Audio Phase Shift Network Model 350 Type 304 and was wondering what commercially made BA SSB amateur radio transmitters used this device. I do remember a friend of mine WB4KRN building and using a homebrew 6 meter SSB phasing transmitter out of the ARRL handbook in the early 70's.

Thanks in advance for the comments and information.

Season's Greetings to you and your families during this Holy time of year.

tnx es 73 de w4rl robert pensacola fla

-----  
Date: Sat, 16 Dec 2000 15:07:07 -0800  
From: Arden Allen <gumbear@pacbell.net>  
Subject: Re: bringing up old electrolytics, and grounding question  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <0G5000LGQ03A2I@mta5.snfc21.pbi.net>  
MIME-version: 1.0

Content-type: text/plain; charset=ISO-8859-1  
Content-transfer-encoding: 7bit

Hi Chuck;

> .....  
> Here's the question:  
> Right where the power comes in, there's a "ground switch" where  
> you can connect a .05uf 600v cap to chassis ground if you want.  
> I'd like y'all's observations on this. Do you advise having this switch  
> with the cap connected or not ? With it connected I can raise a little  
> "zip" on the back of my fingers, with it off, I don't get any. ....

I'm not a music amp specialist so I don't know the correct answer with regard to the intended function of the capacitor switch other than to guess it is for hum reduction purposes. My approach would be to contact Fender or one of their recommended service technicians (not the counter dummy) and ask about the capacitor switch. I would try to find out if it is used on current designs and if it is now considered to be a safety problem. I've heard that musicians occasionally get electrocuted by their instrument amps. You don't want to give your brother a booby trap for Xmas. Have a happy one.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

-----  
Message-ID: <3A3BE673.7FBC7700@bellsouth.net>  
Date: Sat, 16 Dec 2000 17:02:28 -0500  
From: Robert Lawson <w4rl@bellsouth.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: B&W Audio Phase Shift Network  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Correction

TYPE 2Q4. I need to keep my specs on more. Apologies.

Robert W4RL

Robert Lawson wrote:

>  
> Fellow BA'ers,  
>  
> I just came across a B&W Audio Phase Shift Network Model 350 Type 304  
> and was wondering what commercially made BA SSB amateur radio

> transmitters used this device.  
> year.  
>  
> tn timer 73 de w4rl robert pensacola fla

-----  
Message-ID: <FEEBE78C8360D411ACFD00D0B7477971DE15C5@xsj02.sjs.agilent.com>  
From: jay\_coward@agilent.com  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: BOATANCHORS digest 3061  
Date: Sat, 16 Dec 2000 16:50:38 -0700  
MIME-Version: 1.0  
Content-Type: text/plain

Michael,  
Please respond to my email. I can't open your attachment until I get back to work Monday.  
Happy Whatever,  
Jay

-----  
Sent from my BlackBerry Wireless Handheld (www.BlackBerry.net)

-----  
Message-ID: <001201c067c9\$8312aae0\$70e6acce@b1yhp64>  
From: =?iso-8859-1?Q?Andr=E9\_Guibert?= <aguibert@sympatico.ca>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Tr: Re 6C5  
Date: Sat, 16 Dec 2000 20:33:46 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Bonsoir Hugh and All  
You had me looking in the "Radio Amateur's Handbook" by  
A.F. Collins, circuits  
for Meissener regen. projects.  
The one tube use the 1C5 as a starter, a 1H5 is added  
for the two tube model, another 15  
is added for the three tube model.  
No indications as to why the 1C5 was selected.  
Andre

> I wonder if this construction somehow alters its curves as a  
> triode. I was just looking at a schematic of a 1940s 2-tube  
> regen ( 6J7 + 6C5 ), and now I'm wondering why the 6C5  
> was selected, or if it was just the luck of the draw.

> Article goes on to say by substituting 6S7 and 6L5G, you  
> can use only 4.5 volts on the heaters. I would have suggested  
> that if you substitute 1N5 and 1P5, you could use 1.5 volts  
> on the filaments, but maybe the transconductance of these  
> is not that good.  
> Hue Miller  
>  
>

-----  
Message-Id: <4.2.0.58.20001216182746.00a961e0@pop3.concentric.net>  
Date: Sat, 16 Dec 2000 18:35:04 -0800  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Ed Zeranski <ezeran@concentric.net>  
Subject: Re: B&W Audio Phase Shift Network  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:30 PM 12/16/00 -0500, Robert Lawson wrote:

>Fellow BA'ers,  
>  
>I just came across a B&W Audio Phase Shift Network Model 350 Type 304  
>and was wondering what commercially made BA SSB amateur radio  
>transmitters used this device. I do remember a friend of mine WB4KRN  
>building and using a homebrew 6 meter SSB phasing transmitter out of the  
>ARRL handbook in the early 70's.

B&W used a phase shift network like that, but not sure of the number, in the SSB converters they built for the Barkin' Willie 5100 and 5100B. A year or so ago I reworked a B&W SSB sideband converter for the 5100 B, it had the network in a little can. The B&W 5100 used the SB unit. Sorry I do not have any spec or further info...perhaps in the late '50s-early '70s handbooks in the commercial section.

Good luck and Happy BoatAnchoring!!

-----  
Date: Sun, 17 Dec 2000 00:20:04 -0500  
From: "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>  
Subject: RE: FS: R-4A/ARR2 with Dynamotor  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <200012170020\_MC2-BEEE-EBC3@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Michael,

The R-4 is a VHF (called UHF at the time) homing receiver used in conjunction with the R-24/ARC-5. It replaced the ZB and AN/ARR-1 used with the ARB. The DY-2 dynamotor is the dynamotor used on all of the AN/ARC-5 receivers.

Message text written by Michael Cresthol

>This is some kind of receiver including tubes but missing the four covers =

panels. It is probably only useful for the dynamotor which looks like it =

will fit perfectly on an ARC-5 Command Set receiver. Tag on the dynamotor =

reads:

DY-2B/ARR-2 28 Volts DC

<

Robert Downs

<RWDowns\_WA5CAB@compuserve.com>

Houston

-----  
Date: Sun, 17 Dec 2000 00:20:05 -0500

From: "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>

Subject: RE: BC-189

To: Old Tube Radios <boatanchors@theporch.com>

Message-ID: <200012170020\_MC2-BEEE-EBC4@compuserve.com>

MIME-Version: 1.0

Content-Transfer-Encoding: quoted-printable

Content-Type: text/plain;

charset=ISO-8859-1

Content-Disposition: inline

Phillip,

BD-69. Receiver was used with the SCR-177-A (BC-191-A).

Message text written by Phillip McCoy

>Am looking for coils for the BC-189 receiver. Also does anyone have the manual for this set. Also what dynamotor was used with it.

<  
73,  
Robert Downs  
<RWDowns\_WA5CAB@compuserve.com>  
Houston

-----  
Message-ID: <000401c06816\$a7472240\$020000003@knepper>  
From: "knepper" <knepper@lenzlink.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Need Assistance  
Date: Sun, 17 Dec 2000 05:46:45 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Would anyone have an address for Scientific Audio Electronics in Los Angeles. The firm must have moved or gone out of business. Need to secure a schematic. They have no website nor current phone number.

Thank you.  
David Knepper, W3ST  
Publisher of the Collins Journal  
Secretary to the Collins Radio Association  
<http://www.collinsra.com>  
Sign-up for the mail list: go to [www.qth.net](http://www.qth.net)

-----  
Date: Sun, 17 Dec 2000 06:50:54 -0800  
From: Arden Allen <gumbear@pacbell.net>  
Subject: Re: Need Assistance  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <0G5P00LY3VS6VY@mta5.snfc21.pbi.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=ISO-8859-1  
Content-transfer-encoding: 7bit

Hi Dave;

> Would anyone have an address for Scientific Audio Electronics in Los  
> Angeles. The firm must have moved or gone out of business. Need to  
secure  
> a schematic. They have no website nor current phone number.

They are long gone. I don't think they survived the 70's. They were in  
East L. A. next to the rail yards. Like all the rest of US consumer  
electronics outfits back then, they couldn't hack the overseas competition.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

-----  
Message-ID: <20001217162158.7408.qmail@mellon.com>  
From: Merz Donald S <merz.ds@mellon.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Needed: 3RP1A CRT  
Date: Sun, 17 Dec 2000 11:16:51 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

If it helps the search, these were also used in the Heathkit SB-610 and  
maybe other Heathkits. Also used in the military TDA-series RTTY =  
monitor  
scopes.  
Good luck.  
73, Don Merz, N3RHT

> -----Original Message-----  
> From: Daniel Wright [SMTP:dw73454@navix.net]  
> Sent: Friday, December 15, 2000 8:18 PM  
> To: Old Tube Radios  
> Subject: Needed: 3RP1A CRT



>=20

> Greetings!

>=20

> Does anyone know where I can get one of these? They are used

> in a TUBE TYPE Japanese monitor scope.

>=20

> Thanks a bunch es

>=20

> 73 de Dan -- WA=D8JRD ..

>=20

\*\*\*\*\*

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-----

Message-ID: <20001217171505.10688.qmail@mellon.com>

From: Merz Donald S <merz.ds@mellon.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Joe Carr, K4IPV, SK

Date: Sun, 17 Dec 2000 12:09:57 -0500

MIME-Version: 1.0

Content-Type: text/plain

Another great ham radio author has passed on. Carr's writing may be  
considered too "simplified" by some folks. But he had a way of making some  
complex stuff really accessible. His work for the hobby will be missed.

73, Don Merz, N3RHT

> ==>NOTED AMATEUR RADIO AUTHOR JOE CARR, K4IPV, SK

>

> Amateur Radio author Joseph J. "Joe" Carr, K4IPV, of Annandale, Virginia,  
> died November 25. He was 57. Carr reportedly died at home in his sleep.

>

> An ARRL member, Carr had contributed hundreds of articles over the years  
> to

> various publications, including QST, Popular Electronics, 73, Nuts and  
> Volts

> and others. At the time of his death, Carr was the "Antennas & Things"  
> columnist for Popular Communications.

>

> Carr was a prolific author and had written more than 100 books, including

> Joe Carr's Loop Antenna Handbook, Practical Antenna Handbook, Receiving  
> Antenna Handbook, Radioscience Observing, Vol 1, and Practical Radio  
> Frequency Test & Measurement--A Technician's Handbook. Carr also authored  
> numerous non-Amateur Radio related books as well.  
>  
> Book publisher and author Harry Helms, AK6C, of LLH Technology Publishing  
> knew Carr personally and professionally for more than 20 years. "Joe was a  
> first-rate technical writer and editor, a consummate professional in his  
> craft, and a pleasure to work with," he said.  
>  
> Carr's wife, Bonnie, survives.  
>  
>

\*\*\*\*\*  
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-----  
Message-Id: <200012171915.eBHJF1p11720@osr506.nanniandjack.com>  
From: listown@nanniandjack.com (Mail List Owner)  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: ADMINISTRIVIA: Changing Email Addresses  
Date: Sun, 17 Dec 2000 11:15:00 -0800 (PST)

Gang-

This periodic post is intended to help subscribers whose email  
address has changed, preventing posting or receipt of the list.

If you change ISP (InterNet Service Provider), simply send me an  
email advising the change, and I will do my best to implement the  
change quickly.

For those unfortunates, whose ISP has made a change without advising  
their customers of the potential impact of that change on  
subscribers to email lists like the boatanchors, where one must  
be a subscriber to post to the list, try to follow along...

Under some circumstances, the changes to your email address are  
"transparent" to you, but prevent posting. I get error notification  
for these kinds of problems, and I try to work them out. However,  
I may miss one, and on this end, the process is anything BUT  
automatic.

You have a bigger stick than I do. You and your ISP have the primary

responsibility to repair the problems caused by the change at the ISP. I have zero leverage with your ISP, and you have great leverage.

Most ISP maintain a customer service department to help with problems like these. This should be your first line of support for email problems. I am happy to assist and consult, but try to understand that when your ISP makes a change to their email handler, and that change prevents you from posting to the boatanchors list, I can help, but resolving this problem is your responsibility, working with your ISP. I am but a volunteer, contributing my time to administer the list.

Thank you for your attention.

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Archiver/Owner - - -  
listown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"

"Il n'y a que les idiots qui ne changent jamais d'idee"

Sun Dec 17 11:15:00 PST 2000

-----  
Message-ID: <009401c06882\$f7172420\$0101a8c0@hppav>

From: "Bob Nickels" <ranickel@mwci.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Finishing touches

Date: Sun, 17 Dec 2000 17:35:01 -0600

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Looking for a few items to put the finishing touch on a couple of projects if I can buy or swap for:

- A Raytheon pointer knob. Teardrop shape, about 3/4", used on lots of mil gear

- One Collins S-line style pointer knob (at less than the SSN price)

- And a National XCU-27 100 kc calibrator that plugs-into the NCX-5.

(Finally found a cherry NCX-5 and now would like to find the calibrator that I couldn't afford back in the 60's, either!)

Thanks and 73,

Bob W9RAN

-----  
Message-ID: <002b01c068c0\$916b1ee0\$3ee962cf@satellitepro>

From: "Joe Veras" <jveras@wwisp.com>

To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Callbook Help  
Date: Mon, 18 Dec 2000 01:03:02 -0600  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Help! I am away from home & my reference material. I need to know the name of the person who held the call sign K9QDB in the early 1960s. A 1960 thru 1963 call book should have the info. Anybody have one of those call books?

Thanks,

Joe Veras, N4QB

-----  
Message-ID: <00fa01c0688f\$412f3a00\$378abd18@n4fs>  
From: "Mike B. Feher" <n4fs@monmouth.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Callbook Help  
Date: Sun, 17 Dec 2000 20:10:00 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Joe -

It belonged to Nels Knutzen of Wausau, WI. Seasons Greetings - Mike

Mike B. Feher, N4FS  
89 Arnold Blvd.  
Howell NJ, 07731  
(732) 901-9193

----- Original Message -----  
From: "Joe Veras" <jveras@wwisp.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Sent: Monday, December 18, 2000 2:03 AM  
Subject: Callbook Help

> Help! I am away from home & my reference material. I need to know the name

> of the person who held the call sign K9QDB in the early 1960s. A 1960  
thru  
> 1963 call book should have the info. Anybody have one of those call  
books?  
>  
> Thanks,  
>  
> Joe Veras, N4QB  
>  
>

-----  
Message-ID: <003e01c068c2\$02a3b080\$3ee962cf@satellitepro>  
From: "Joe Veras" <jveras@wwisp.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Callbook Help  
Date: Mon, 18 Dec 2000 01:13:22 -0600  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks, Mike. Very prompt service, but that's BA! Seasons Best you to and  
all.

Joe, N4QB

> Joe -  
>  
> It belonged to Nels Knutzen of Wausau, WI. Seasons Greetings - Mike  
>  
>  
>  
> Mike B. Feher, N4FS  
> 89 Arnold Blvd.  
> Howell NJ, 07731  
> (732) 901-9193

-----  
From: "Grant Youngman" <nq5t@home.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Sun, 17 Dec 2000 19:23:40 -0600  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Subject: Mystery Tube -- type A-21  
Message-ID: <3A3D12BC.6406.96D4D54@localhost>

Anyone have any specs on a type A-21 triode (made in this case by  
Amperex, but maybe others also)?

Sibley lists it as an "RF-heating HF triode", but gives no other information.

Thanks ... Grant

-----  
Grant Youngman / NQ5T  
nq5t@home.com  
<http://www.globeking.com>  
Double Oak, TX -- nr Dallas

-----  
Message-ID: <007a01c068c1\$a62519c0\$acfd91c6@oemcomputer>  
From: "Hue Miller" <kargokult@proaxis.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: old-fashioned soldering iron  
Date: Sun, 17 Dec 2000 23:10:41 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Does anyone recall seeing in a catalog an old-fashioned  
soldering iron, not a gun, not a pen, one of those old  
heavy metal chisel things. I need one not less than 150W.  
I have a big backlog of junk to take apart, for parts, and  
i feel that this is absolutely the best tool for desoldering. The  
guns, the tips are too fragile, lose heat, overheat, take time  
to heat, a pain to work with.  
Tnx, Hue Miller

-----  
Message-ID: <007b01c068c2\$015a1980\$acfd91c6@oemcomputer>  
From: "Hue Miller" <kargokult@proaxis.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: "suppressed zero" meter  
Date: Sun, 17 Dec 2000 23:13:19 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I read the specs on a meter i have, 25 uA fullscale. At  
rest the pointer runs all the way to the left, off scale,  
and rests on some stop. The description labeled this a

"suppressed zero" meter. I just am asking basically how this is done. Must be some extra spring loading there.

But why?

Tnx, Hue Miller

-----  
Message-Id: <4.2.2.20001218055552.0162ccf0@mail1.telalink.net>

Date: Mon, 18 Dec 2000 05:59:00 -0600

To: Old Tube Radios <boatanchors@theporch.com>

From: Tom Norris <badger@telalink.net>

Subject: Inline Jack for PJ-068??

Cc: boatanchors@qth.net

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

What is the designation for the inline jack that mates with the PJ-68 plug? I have seen them before, and have some at work ( no numbers, and they won't let go of one ). Need to make an adaptor for a headset. ( might be easier to use PL-174 and its jack, I have a bag of those, but the headset already has the PJ-068 installed. )

Anyone have a spare or three?

Thanks

Tom Norris

Manchester,TN

-----  
Message-ID: <3A3E1B6F.A8383711@arrl.net>

Date: Mon, 18 Dec 2000 09:13:03 -0500

From: "L. Mark Pilant" <n1vqw@arrl.net>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: RE: bringing up old electrolytics, and grounding question

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Chuck, as a guitar player in addition to other things :-) I'll offer my two cents.

REPLACE THE CORD with a properly grounded three conductor cord. Bypass the ground switch entirely, and wire the hot and neutral lines as appropriate, and connect the safety ground to the chassis.

I'm more of an Ampeg fan myself, instead of Fender. but

all of my amps have been modified. BTW, you can leave the switch in place, and coil up the original cord if you are concerned about the collector's value.

BTW, I believe it was Keith Relf who was electrocuted because the microphone stand was connected to one side of the power line, and his guitar (strings) were connected to the other. It was because of this, that the grounding switch has earned the name of "suicide switch".

73

- Mark N1VQW

-----  
Message-ID: <3A3E1CA9.3F89BB98@arrl.net>  
Date: Mon, 18 Dec 2000 09:18:17 -0500  
From: "L. Mark Pilant" <n1vqw@arrl.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: old-fashioned soldering iron  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hue, I bought one a couple of years back. As far as I know Weller still makes them. I had a devil of a time finding it until I remembered the iron my mother used for her stained glass work. Bingo.

I'd suggest calling around to any shops doing stained glass work/repair or that carry supplies. They should be able to help you out.

73

- Mark N1VQW

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Message-Id: <3.0.3.32.20001218094657.00dcd2d4@mindspring.com>  
Date: Mon, 18 Dec 2000 09:46:57 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: john <johnmb@mindspring.com>  
Subject: RE: bringing up old electrolytics, and grounding question  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Ding Ding Ding Ding Ding!



Correct you are!...ex of Yardbirds and Armageddon....

Mark writes:

"BTW, I believe it was Keith Relf who was electrocuted because the microphone stand was connected to one side of the power line, and his guitar (strings) were connected to the other. It was because of this, that the grounding switch has earned the name of "suicide switch"."

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Message-ID: <3A3E27AF.611B65AA@lobo.net>  
Date: Mon, 18 Dec 2000 08:05:29 -0700  
From: "Herbert M. Rosenthal" <herbrose@lobo.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Split phase motor capacitor  
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"  
Content-Transfer-Encoding: 7bit

I recently bought a NOS oil filled 50 uf, 240v AC motor capacitor for a split phase drive motor in the remote antenna tuner that I'm building. It works fine with the motor.

The capacitor has two dual quick-tab terminals, and there is a 470k 1/4 watt resistor, SPOT WELDED across the capacitor terminals.

I've never seen this before. It certainly appears that the resistor is a permanent thing because it is spot welded in place, so I have not removed it. But it is the first motor capacitor I've ever seen made this way.

There must be a reason for it. Perhaps it is there to limit the peak voltage and/or current during startup or stop. Remember, it's only a 1/4 watt resistor.

Any ideas?

Herb Rosenthal W5AN

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End of BOATANCHORS Digest 3062  
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